

## Maximum XOR of Two Numbers in an Array [\(View\)](#)

Given an integer array `nums`, return *the maximum result of* `nums[i] XOR nums[j]`, where  $0 \leq i \leq j < n$ .

### Example 1:

**Input:** `nums = [3,10,5,25,2,8]`

**Output:** 28

**Explanation:** The maximum result is `5 XOR 25 = 28`.

### Example 2:

**Input:** `nums = [14,70,53,83,49,91,36,80,92,51,66,70]`

**Output:** 127

### Constraints:

- $1 \leq \text{nums.length} \leq 2 \times 10^5$
- $0 \leq \text{nums}[i] \leq 2^{31} - 1$